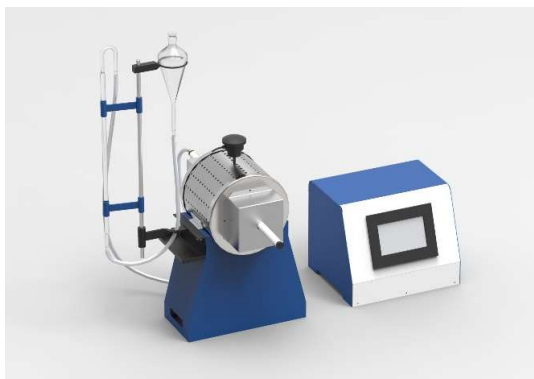


Core Gas Determinator Digital with V-Sync



1.0 Product Information:

1.1 General Information

Core gas determinator digital is consists of tube furnace i.e. combustion tube with maximum temperature range of 850°C, equipped with automatic temperature indicator cum controller, sensing mechanism which are controlled by PLC and observed on screen touch display. 10 boats, boat pusher, rubber cork, necessary rubber tubing & volumetric glass apparatus. Suitable data acquisition system and web based software to records & analysis the test readings, compare graphs, Set Ideal graphs and/or compare results with +/-3 Sigma limits to check off limit samples.

1.2 General Usage

Core gas determinator is used for to know the rate and amount of gas evolution from particular sand mixture. This unique machine, which records the rate of gas evolution from sand sample as well as the amount of gas which is evolved. It typically plots a graph of readings of gas evolution against time to give a curve which represents gas evolution pattern.

1.3 Product Data

Product Name:	Core Gas Determinator Digital with V-Sync
Product Code:	VCGD I
Order Reference Code:	V0000125

Electrical Supply Required:	230v 50Hz A.C. (Default) 110v 60 Hz A.C (Optional) Single Phase, Stabilized with Over/ Under Voltage cut-off.
Electrical Plug:	M type : 15 Amp Plug
Typical Maximum Current:	15 A at 230V
Compressed air Supply:	Not Required
Communication:	- Ethernet (RJ45) - CloudSync using V-Sync
Dimensions:	1080x730x930mm (WXBXH)
Packing Dimensions:	480x480x210mm(WXBXH)& 460x460x410mm(WXBXH)& 970x180x180mm(WXBXH)& Typical
Net Weight:	Approximately 40 kg
Gross Weight:	Approximately 50 kg
Colour:	Factory Default
Measuring Range:	0-50 cc
Traceable to:	Manufacturers Standards
Least Count:	0.1 cc
Specimen Requirements:	Not Required
Operating Temperature:	0-60°C
Testing Standards:	BIS: Standard AFS: Optional
Calibration Frequency:	5840 nos. of Testing Cycles or Once in Year

2.0 Scope of Supply

2.1 Inclusions in Supply Scope

- Core gas determinator.
- Controller unit.
- Cloud Synchronization System V-Sync.
- LAN Patch Cord RJ45 CAT6 1 Mtr.-02 Nos.
- Combustion tube.
- Volumetric glass apparatus.
- Boat – 10 nos.
- Assy pusher, Rubber cork.
- Thermocouple.
- Calibration certificate.
- Instruction manual.

2.2 Exclusions in Supply Scope

- Anything that is not covered under Supply scope.

3.0 Recommended Pre-requisite Equipment

[Sand Splitter](#) : To get representative sample ↗

[Hot Air Blower Mixer VHA](#) ↗

Digital weighing scale.

4.0 Accessories

4.1 Calibration Kits

Millivolt Calibrator

4.2 Attachments

NA

5.0 Alternative Equipment

[Core Gas Determinator VCG](#) 

6.0 Installations Instructions

Required Levelled (2mm) and sturdy platform.
(Equipment should be away from external
source of vibration or electromagnetic
interference.) Other Installation instruction
shall be provided along with the equipment.

7.0 Consumables

Boat # V4000194

8.0 Hazards

Burning hazard: - Don't touch to heated boat or
pusher.

9.0 Additional Information

[Link to Web-Page](#) 

[Link to Video of Demo](#) 

*Disclaimer: Specifications and design of equipment may
change without prior notice.*